

Title (en)

SYSTEM AND METHOD FOR MONITORING ENVIRONMENTAL CONDITIONS OF A PHYSICAL ITEM DURING TRANSPORTATION

Title (de)

SYSTEM UND VERFAHREN ZUR ÜBERWACHUNG VON UMWELTBEDINGUNGEN EINES PHYSISCHEN OBJEKTS WÄHREND DES TRANSPORTS

Title (fr)

SYSTÈME ET PROCÉDÉ DE SURVEILLANCE DE CONDITIONS ENVIRONNEMENTALES D'UN ÉLÉMENT PHYSIQUE PENDANT LE TRANSPORT

Publication

EP 3549071 A1 20191009 (EN)

Application

EP 17811888 A 20171128

Priority

- EP 16201028 A 20161129
- EP 2017080701 W 20171128

Abstract (en)

[origin: WO2018099920A1] A method is disclosed for verification of environmental data relating to the conditions under which perishable goods are stored and/or transported. The method comprises measuring, by one or more sensors employed by storage facilities, a physical quantity that relates to environmental conditions to which the perishable goods are subjected to; receiving, at a plurality of computing devices, data descriptive of the measured physical quantity; checking the validity of the received data by at least one of the plurality computing devices to determine if the conditions relating to a smart contract are met; and to ensure data integrity, creating, transmitting and storing transaction data relating to the received environmental data in a plurality of distributed public ledgers, if the received environmental data is found to be valid, wherein the plurality of distributed public ledgers are part of a blockchain system and the transaction data are stored in a blockchain.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2018099920A1

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